

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041223\
 Data File : VV030528.D
 Acq On : 12 Apr 2023 19:25
 Operator : SY/MD
 Sample : 02275-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ6

Quant Time: Apr 13 02:52:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

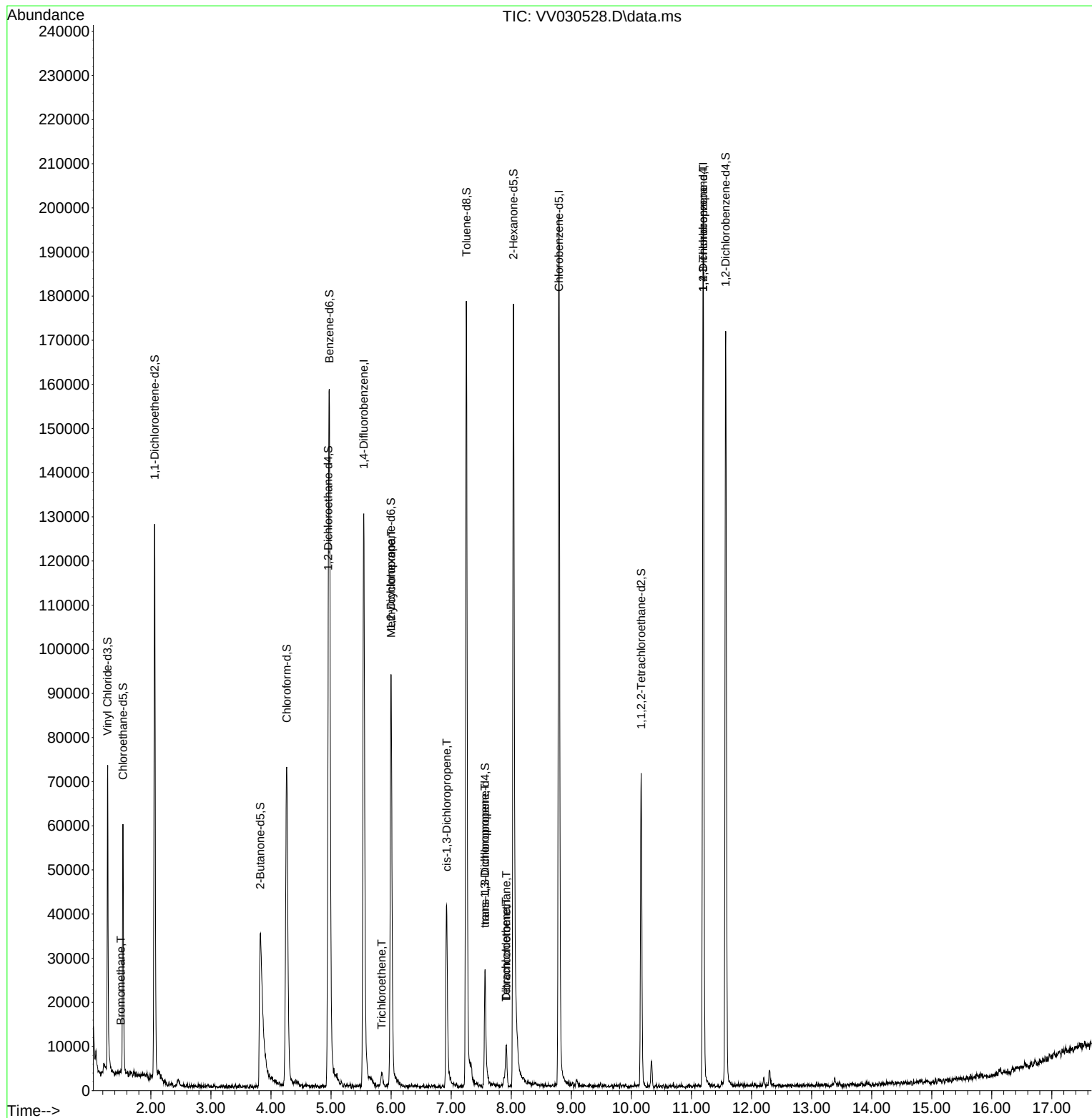
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	110493	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	110105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	51910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45161	6.171	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.400%
7) Chloroethane-d5	1.536	69	34821	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.063	63	67117	3.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.822	46	82594	43.666	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.340%
24) Chloroform-d	4.262	84	78010	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	4.953	65	40715	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.973	84	137672	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	5.998	67	41808	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.252	98	120467	4.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.564	79	15745	4.305	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.037	63	62204	42.327	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.660%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31858	4.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	44404	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
6) Bromomethane	1.500	94	324	0.088	ug/L	88
34) Trichloroethene	5.844	95	929	0.088	ug/L	91
35) Methylcyclohexane	6.002	83	10872	0.657	ug/L #	16
39) cis-1,3-Dichloropropene	6.928	75	1179	0.084	ug/L #	9
44) trans-1,3-Dichloropropene	7.561	75	1062	0.088	ug/L #	61
47) Tetrachloroethene	7.915	164	2122	0.228	ug/L	89
49) Dibromochloromethane	7.918	129	1887	0.224	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6031	1.299	ug/L #	66

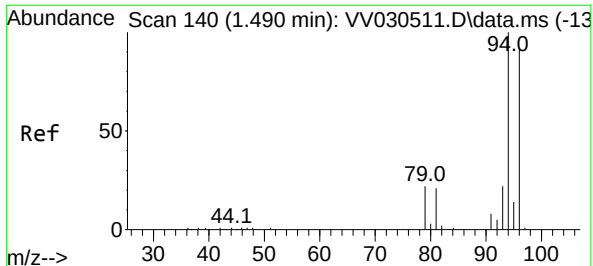
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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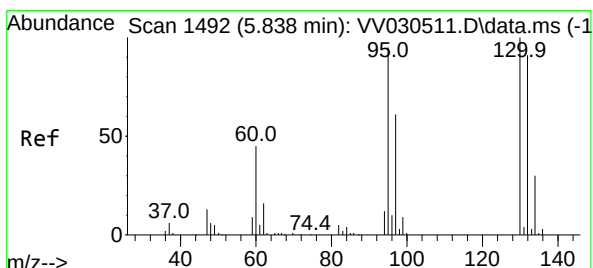
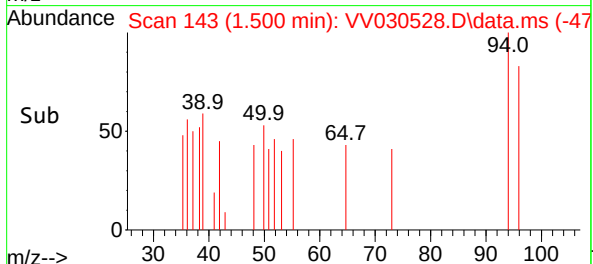
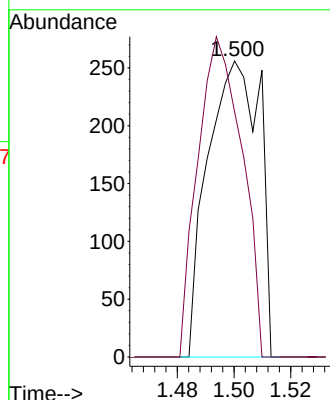
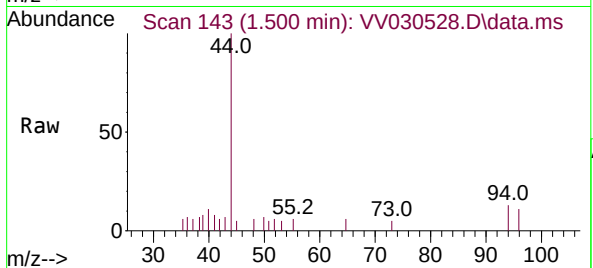




#6
Bromomethane
Concen: 0.088 ug/L
RT: 1.500 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV030528.D
Acq: 12 Apr 2023 19:25

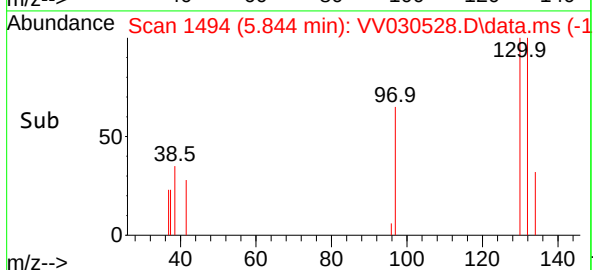
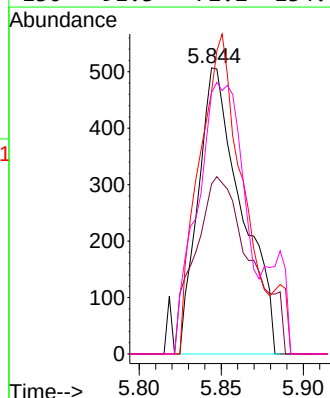
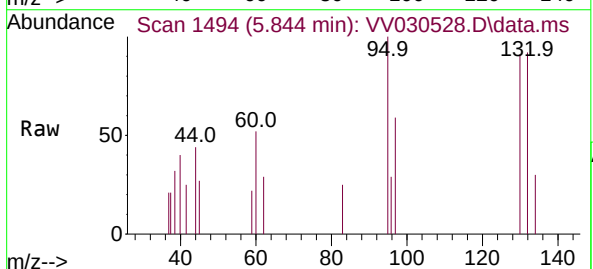
Instrument :
MSVOA_V
ClientSampleId :
BHDZ6

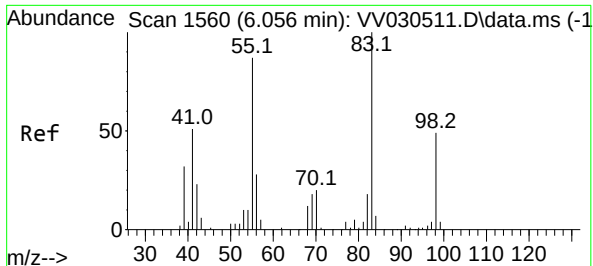
Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 82.8 66.1 122.7



#34
Trichloroethene
Concen: 0.088 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.007 min
Lab File: VV030528.D
Acq: 12 Apr 2023 19:25

Tgt Ion: 95 Resp: 929
Ion Ratio Lower Upper
95 100
97 59.4 44.2 82.2
132 91.7 69.5 129.1
130 91.3 72.2 134.0





#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.002 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV030528.D

Acq: 12 Apr 2023 19:25

Instrument :

MSVOA_V

ClientSampleId :

BHDZ6

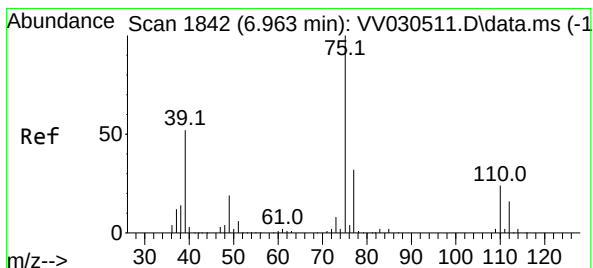
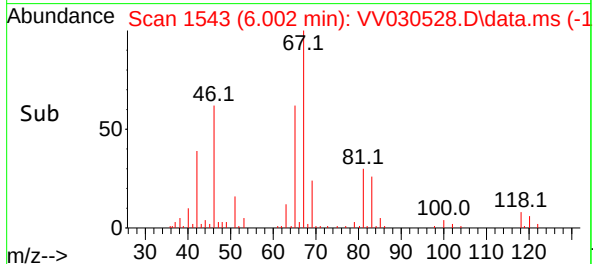
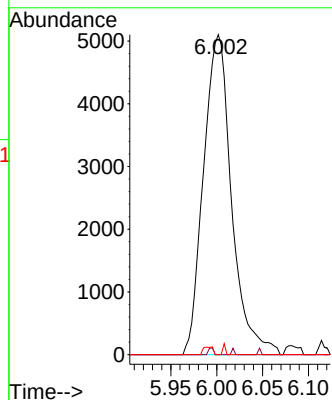
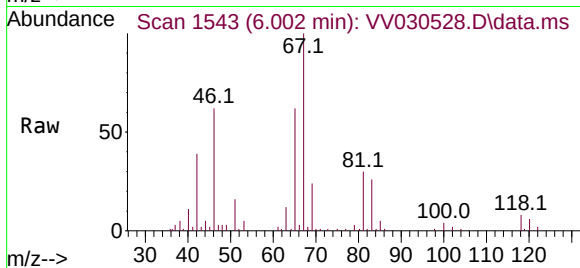
Tgt Ion: 83 Resp: 10872

Ion Ratio Lower Upper

83 100

55 0.4 66.6 100.0#

98 0.8 38.6 58.0#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.928 min Scan# 1831

Delta R.T. -0.035 min

Lab File: VV030528.D

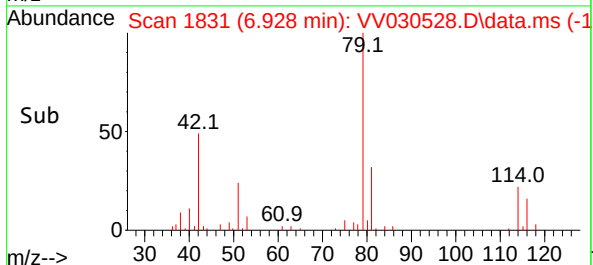
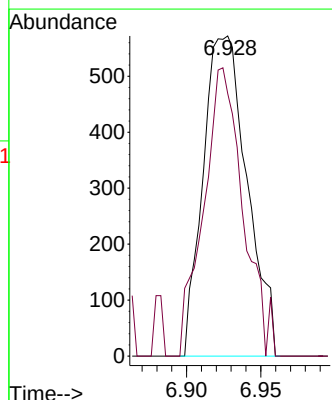
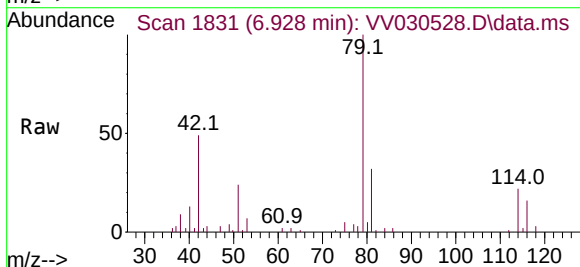
Acq: 12 Apr 2023 19:25

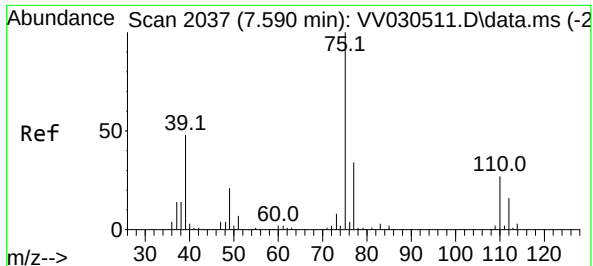
Tgt Ion: 75 Resp: 1179

Ion Ratio Lower Upper

75 100

77 82.0 22.0 41.0#

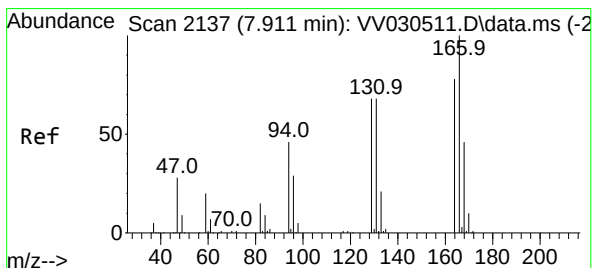
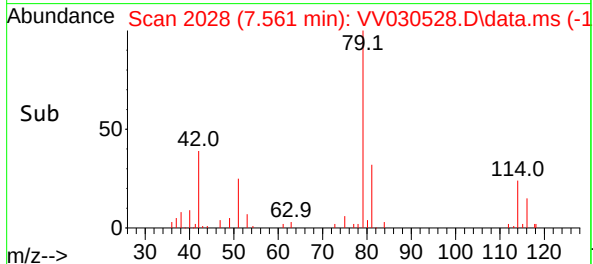
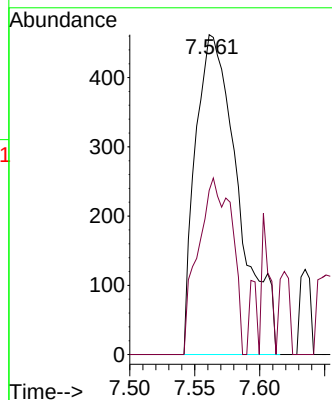
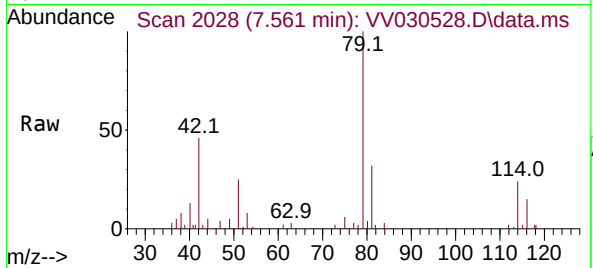




#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.561 min Scan# 2037
Delta R.T. -0.029 min
Lab File: VV030528.D
Acq: 12 Apr 2023 19:25

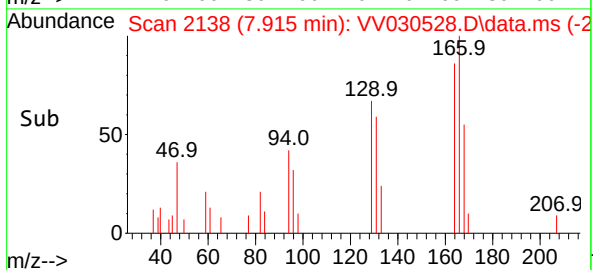
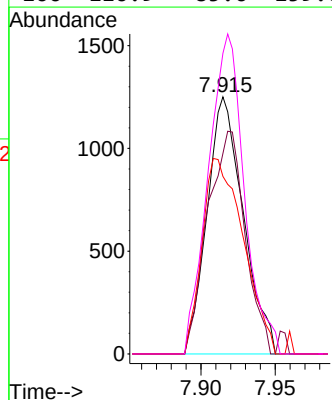
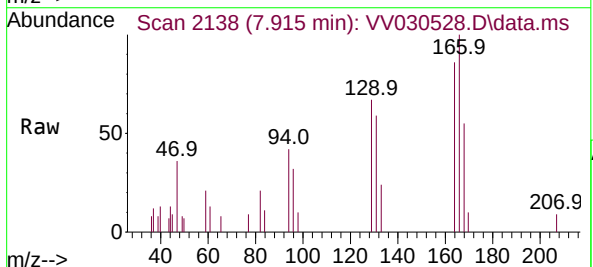
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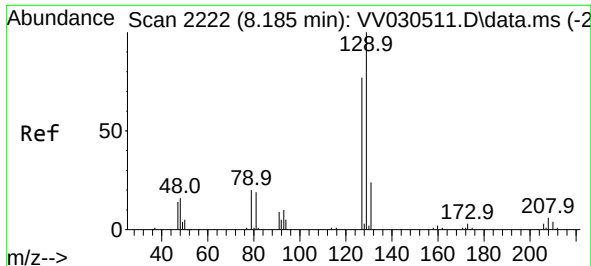
Tgt Ion: 75 Resp: 1062
Ion Ratio Lower Upper
75 100
77 51.3 21.2 39.4#



#47
Tetrachloroethene
Concen: 0.228 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030528.D
Acq: 12 Apr 2023 19:25

Tgt Ion: 164 Resp: 2122
Ion Ratio Lower Upper
164 100
129 77.9 60.8 112.8
131 69.1 61.7 114.7
166 116.9 85.6 159.0

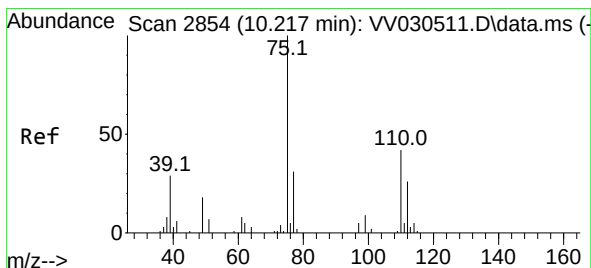
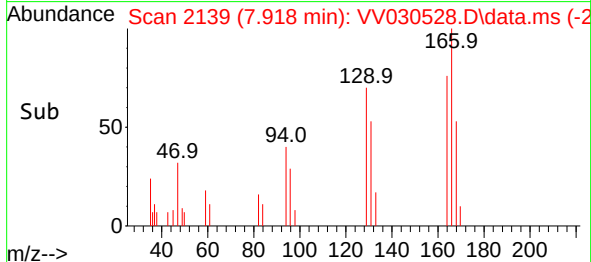
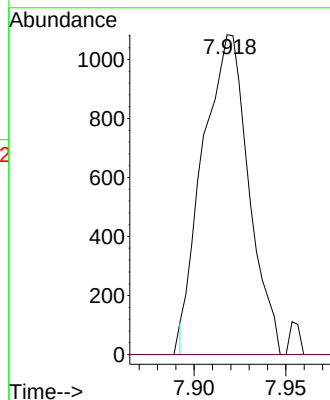
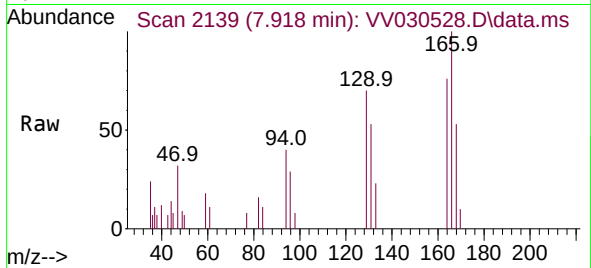




#49
Dibromochloromethane
Concen: 0.224 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. -0.267 min
Lab File: VV030528.D
Acq: 12 Apr 2023 19:25

Instrument :
MSVOA_V
ClientSampleId :
BHDZ6

Tgt Ion:129 Resp: 1887
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#



#61
1,2,3-Trichloropropane
Concen: 1.299 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.978 min
Lab File: VV030528.D
Acq: 12 Apr 2023 19:25

Tgt Ion: 75 Resp: 6031
Ion Ratio Lower Upper
75 100
77 34.9 26.0 39.0
110 3.1 31.6 47.4#

